

# PDR RID Report

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**Document** A Cost Comparison of Transferring Inter-DAAC Data via Media  
versus the ESN WAN, 543-TP-001-002, 12/94  
**Section** 2 **Page** 2-2

<b>RID ID</b>	<b>PDR</b>	266
<b>Review</b>	CSMS	
<b>Originator Ref</b>	IVV-TRT-002	
<b>Priority</b>	1	

**Figure Table** NA

**Category Name** Design-ISS

**Actionee** HAIS

**Sub Category**

**Subject** Assumptions Regarding Data Latency

**Description of Problem or Suggestion:**

From a requirements perspective, EOSD1050, 1060, and 1070 require Level 1,2 and 3 data products, respectively, to be made available within 24 hours after the availability of the necessary input data sets; however, the study makes the assumption that inter-DAAC product data transfers occur five days after a request is made. For data sets dependent on products from multiple DAACs, it could take on the order of weeks to make the final Standard Products available to the user. Under this assumption, requirements EOSD1050, 1060, and 1070 cannot be met.

**Originator's Recommendation**

Revisit the applicability of EOSD1050, 1060 and 1070 in the context of making Standard Products available to the user, given that multiple inter-DAAC product dependencies may exist. The project may want to request feedback from the user community to verify an acceptable time range for data receipt and the impacts of not receiving the data in the desired window of time. In doing so, it may be advantageous to use WAN transfers for time-constrained data products; use media transfer for data products less constrained by time. In any case, the project needs to assess the impacts of requirements EOSD1050, 1060, and 1070 not being met, under the current study assumptions.

**GSFC Response by:**

**GSFC Response Date**

**HAIS Response by:** Forman

**HAIS Schedule** 2/17/95

**HAIS R. E.** Armstrong

**HAIS Response Date** 2/21/95

When this study was briefed at the CSMS PDR, it was agreed by ESDIS representatives that -- given the estimate of marginal cost advantage of media over networks -- that networks will be used for inter-DAAC production data transfers (as currently stated in the ECS documentation).

If ESDIS requests the study to be reevaluated, the impact of media transfer on timely distribution of final products will be addressed.

**Status** Closed

**Date Closed** 3/8/95

**Sponsor** desJardins

\*\*\*\*\* Attachment if any \*\*\*\*\*